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(206) 292-8600 (Telephone) (206) 292-8606 (Facsimile)**FACSIMILE TRANSMITTAL SHEET (TRANSMITTAL TO USPTO)**

Deliver to: Examiner Bryan Bui
Firm Name: U.S. PATENT AND TRADEMARK OFFICE
Fax Number: (571) 273-8300 Telephone No.: (571) 272-227
From: Jan Little-Washington, Reg. No. 41,181
Date: March 16, 2006 Time: _____
Operator: Yuko Tanaka Matter: 4735.P005
Number of pages including cover sheet: 16
In Re Patent Application of: Soma et al.
Application No.: 10/665,970 Confirmation No.: 8349
Filed: September 18, 2003 Art Unit: 2863
For: CHARACTERIZATION OF RADIO FREQUENCY (RF) SIGNALS USING
WAVELET-BASED PARAMETER EXTRACTION

Enclosed are the following documents:

- ☐ **Amendment Transmittal**, in duplicate (4 pages)
- ☐ **Response and Amendment** (11 page)

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on:

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Attorney's Docket No.: 4735.P005

Patent

In re the Application of: Soma et al.
(inventor(s))AMENDMENT UNDER
37 C.F.R. § 1.116
EXPEDITED PROCEDUREApplication No.: 10/665,970EXAMINING GROUP 800Filed: September 18, 2003For: CHARACTERIZATION OF RADIO FREQUENCY (RF) SIGNALS USING WAVELET-BASED
PARAMETER EXTRACTION
(title)Mail Stop AF
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450SIR: Transmitted herewith is a **Response and Amendment** for the above-referenced application.

Applicant claims small entity status. See 37 CFR 1.27.

☒ **Additional fee is required.**

A Notice of Appeal is enclosed.

The fee has been calculated as shown below:

	(Col. 1) Claims Remaining After Amd.		(Col. 2) Highest No. Previously Paid For	(Col. 3) Present Extra
Total Claims	* 35	Minus	** 38	0
Indep. Claims	* 8	Minus	*** 7	1
First Presentation of Multiple Dependent Claim(s)				

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

SMALL ENTITY	
Rate	Additional Fee
X25	\$
X100	\$
+180	\$
Total Add. Fee	\$

OTHER THAN A SMALL ENTITY	
Rate	Additional Fee
X50	\$ 0
X200	\$ 00
+360	\$
Total Add. Fee	\$ 200 00

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Date of Transmission March 16, 2006Yuko Tanaka

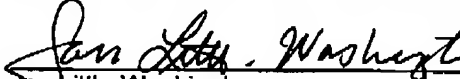
(Typed or printed name of person transmitting paper)

Y. Tanaka
(Signature of person transmitting paper)

- _____ A check in the amount of \$ _____ is attached for presentation of additional claim(s).
- _____ Applicant(s) hereby Petition(s) for an Extension of Time of _____ month(s) pursuant to 37 C.F.R. § 1.136(a).
- _____ A check for \$ _____ is attached for processing fees under 37 C.F.R. § 1.17.
- ☒ Please charge my Deposit Account No. 02-2666 the amount of \$ 200.00.
A duplicate copy of this sheet is enclosed.
- ☒ The Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-2666 (a duplicate copy of this sheet is enclosed):
- ☒ Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of extra claims.
- ☒ Any extension or petition fees under 37 C.F.R. § 1.17.

Date: 3/16/2006

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Attorney's Docket No.: 4735.P005

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Soma et al.

Application No.: 10/665,970

Filed: September 18, 2003

For: CHARACTERIZATION OF RADIO
FREQUENCY (RF) SIGNALS USING
WAVELET-BASED PARAMETER
EXTRACTION

Examiner: Bui, Bryan

Art Unit: 2863

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-145003/17/2006 HTECKLU1 00000044 022666 10665970
01 FC:1201 200.00 DA**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §§ 1.111 AND 1.121**

Sir or Madam:

In response to the Office Action mailed January 19, 2006, Applicants submit the following Remarks. Claim Amendments begin on page 2 of this paper. Remarks begin on page 8 of this paper. Applicants respectfully request that the Examiner reconsider the application.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. §1.136(a). Any fees required therefore are hereby authorized to be charged to Deposit Account No. 02-2666. Please credit any overpayment to the same deposit account.

Kindly enter the following Amendment and consider the following Remarks.

4735.P005
Serial No. 10/665,970

- 1 -

Examiner: Bui Bryan.
Art Unit : 2863